

Converting Colors

XYZ(17.7248, 18.8250, 40.2359)

Have a look what the booklet for
XYZ(17.7248, 18.8250, 40.2359)
contains.

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Color

**XYZ(17.7241, 18.8243,
40.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	527BA9
RGB	82, 123, 169
RGB Percent	32%, 48%, 66%
CMY	0.6784, 0.5176, 0.3373
CMYK	0.51, 0.27, 0.00, 0.34
HSL	212°, 35%, 49%
HSV	212°, 51%, 66%
XYZ	17.7241, 18.8243, 40.2354
YIQ	115.9850, -39.2020, 5.6140

Conversions

Conversions Part 2

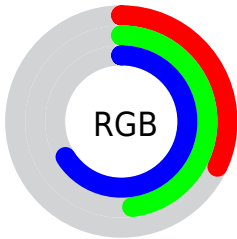
Format	Color
R _Y B	82, 110, 169
Decimal	5405609
CIE Lab	50.48, -0.90, -28.90
CIE LCh	50, 28.912, 268.218
Yxy	18.8243, 0.2308, 0.2452
Android (android.graphics.Color)	4283595689 (0xFF527BA9)
YUV	115.9850, 26.1364, -29.8048
Hunter-Lab	43.3870, -3.0078, -24.6124

Details

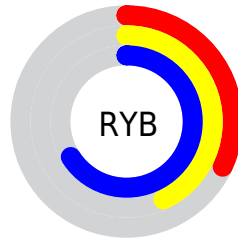
The XYZ color **17.7241, 18.8243, 40.2354** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **25.6052, 24.4837, 11.3599**, and the grayscale version is **16.5276, 17.3883, 18.9358**.

A 20% lighter version of the original color is **38.9379, 41.2760, 76.4358**, and **6.0803, 6.4987, 17.7635** is the 20% darker color. If you saturate the color by 10%, you get **15.3731, 16.0415, 39.8225**, and if you desaturate by 10%, it is **20.5395, 21.9975, 40.6999**.

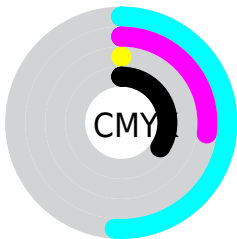
Distribution



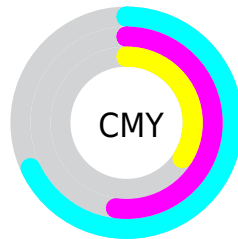
- Red (32%)
- Green (48%)
- Blue (66%)



- Red (32%)
- Yellow (43%)
- Blue (66%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (68%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7241, 18.8243, 40.2354 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.7241, 18.8243, 40.2354 by changing the saturation by 10% instead.

■ 17.7241, 18.8243,
40.2354

■ 17.7241, 18.8243,
40.2354

232.3871,
245.4771, 362.6963

■ 10.8506, 11.5434,
27.4069

■ 39.1004, 41.4370,
76.7628

■ 6.0330, 6.4336,
17.6440

■ 54.3339, 57.5376,
101.2989

■ 2.9060, 3.1105,
10.5279

■ 73.0848, 77.3468,
130.5746

■ 1.1043, 1.1897,
5.6402

■ 95.7184, 101.2492,
165.0085

■ 0.0287, 0.0533,
2.5623

■ 122.6000,
129.6289, 205.0190

■ 0.0000, 0.0000,
0.8729

154.0951,

■ 0.0000, 0.0000,

162.8706, 251.0248

0.0000

190.5690,
201.3585, 303.4444

■ 17.7241, 18.8243,
40.2354

■ 17.7241, 18.8243,
40.2354

■ 15.3731, 16.0415,
39.8225

■ 20.5395, 21.9975,
40.6999

■ 13.4549, 13.6276,
39.4577

■ 23.8443, 25.5767,
41.2165

■ 11.9364, 11.5618,
39.1390

■ 27.6638, 29.5791,
41.7878

■ 10.7781, 9.8195,
38.8638

■ 32.0210, 34.0200,
42.4153

■ 10.0040, 8.5496,
38.6594

■ 36.9373, 38.9140,
43.1008

■ 42.4331, 44.2749,
43.8459

■ 48.5274, 50.1158,
44.6521

■ 55.2386, 56.4494,
45.5209

■ 62.5842, 63.2877,
46.4537

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.1885, 18.8243, 36.7096



17.7241, 18.8243, 40.2354



20.5767, 18.8243, 37.4253

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.7241, 18.8243, 40.2354



23.1006, 18.8243, 14.0028



13.6719, 18.8243, 13.3649

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.7241, 18.8243, 40.2354



25.6052, 24.4837, 11.3599

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.4515, 18.8243, 9.6425



17.7241, 18.8243, 40.2354



20.8984, 18.8243, 9.9371

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.7241, 18.8243, 40.2354



23.8691, 18.8243, 20.9824



18.0608, 18.8243, 8.5741



13.0065, 18.8243, 20.0181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.7241, 18.8243, 40.2354



22.2417, 18.8243, 32.6645



18.0608, 18.8243, 8.5741



14.1498, 18.8243, 11.8019

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.7248, 18.8250, 40.2359



54.2726, 57.8175, 75.5245



21.4959, 31.7013, 25.0485



11.4856, 12.2518, 16.4116



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.7248, 18.8250, 40.2359



26.9198, 27.9791, 71.2068



13.7867, 10.7597, 38.8867



7.4124, 7.8617, 9.5451



7.5087, 6.4776, 28.8300



0.2342, 0.2606, 0.7186

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.9552, 15.9005, 20.5987



37.7212, 23.4638, 30.3128



31.7642, 37.2611, 13.5016



7.6727, 7.5990, 8.5939



13.2906, 6.7250, 6.3420



0.3494, 0.1740, 0.2912

Previews

White Background



This preview shows how the XYZ color 17.7241, 18.8243, 40.2354 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.7241, 18.8243, 40.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

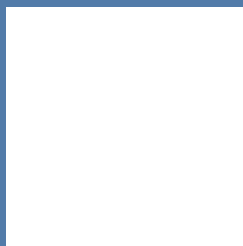
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7241, 18.8243, 40.2354

Background



This preview shows how black text looks on a background with the XYZ color 17.7241, 18.8243, 40.2354.

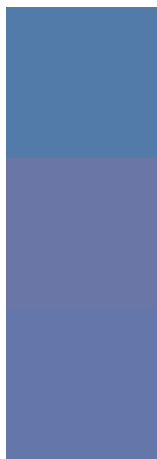


This preview shows how white text looks on a background with the XYZ color 17.7241, 18.8243,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.7241, 18.8243, 40.2354

Protanopia

19.2138, 18.7377, 38.2014

Deuteranopia

19.2194, 18.8626, 40.6581



Tritanopia

15.1829, 18.9423, 27.2821

Trichromacy



Original Color

17.7241, 18.8243, 40.2354

Protanomaly

18.5292, 18.7275, 38.7146

Deuteranomaly

18.5883, 18.7149, 40.6628

Tritanomaly

16.0749, 18.9173, 31.6583

Monochromacy



Original Color

17.7241, 18.8243, 40.2354

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6789, 17.8860, 25.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7241, 18.8243, 40.2354 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 123, 169)` looks like.

```
.text, #text, p{  
    color:rgb(82, 123, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 123, 169) }
```

Border

The CSS property to change the border of an element to XYZ 17.7241, 18.8243, 40.2354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 123, 169) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(82, 123, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(82, 123, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(82, 123,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7241, 18.8243, 40.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 123, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 123,  
169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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